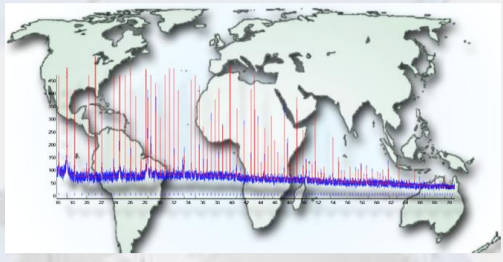


Commission for Powder Diffraction (CPD)



International Union of Crystallography (IUCr)

www.iucr.org/resources/commissions/powder-diffraction



What does the CPD do?:

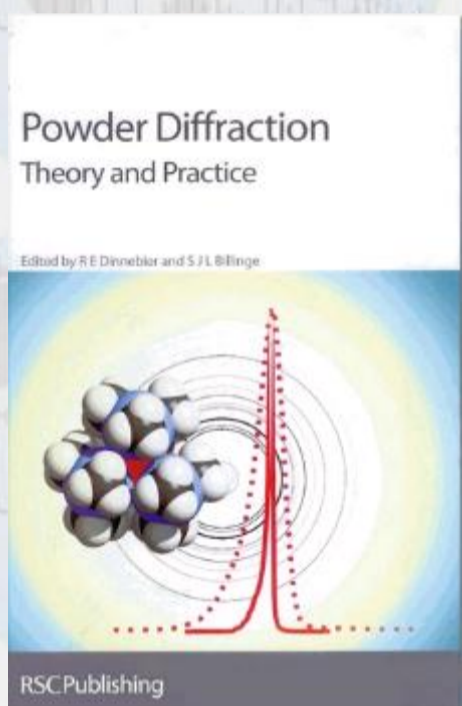
The CPD was established at the Perth IUCr Congress in 1987, with the following terms of reference:

- Advise the IUCr in organizing/sponsoring meetings, schools etc, on powder diffraction and related subjects.
- Promote and coordinate scientific exchange between countries in the field of powder diffraction.
- Cooperate with other IUCr Commissions on matters concerning powder diffraction.
- Cooperate with other international bodies interested in powder diffraction and allied subjects.
- Promote interactions of the IUCr with the world-wide body of X-ray and neutron powder diffractionists.
- Promote the scientific growth and development of the field of powder diffraction.

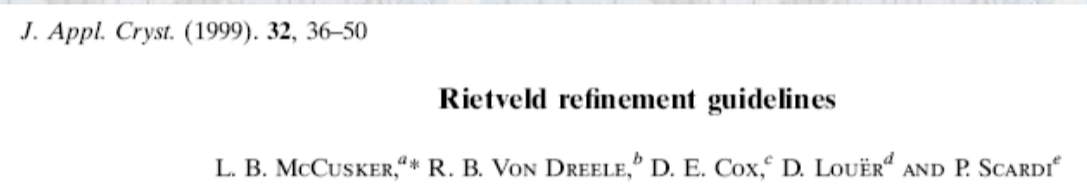
It *informs* via its topical on-line CPD newsletters and web site

Membership of CPD is by nomination from IUCr National Committees & subject to approval at the triennial IUCr General Assemblies

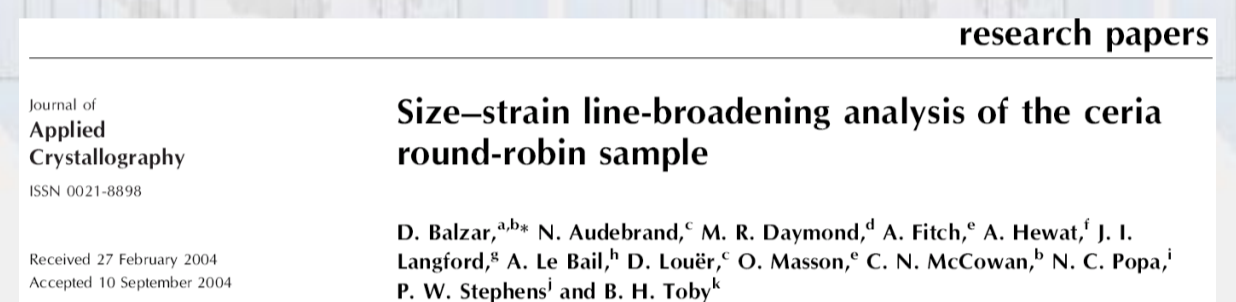
CPD Projects include...



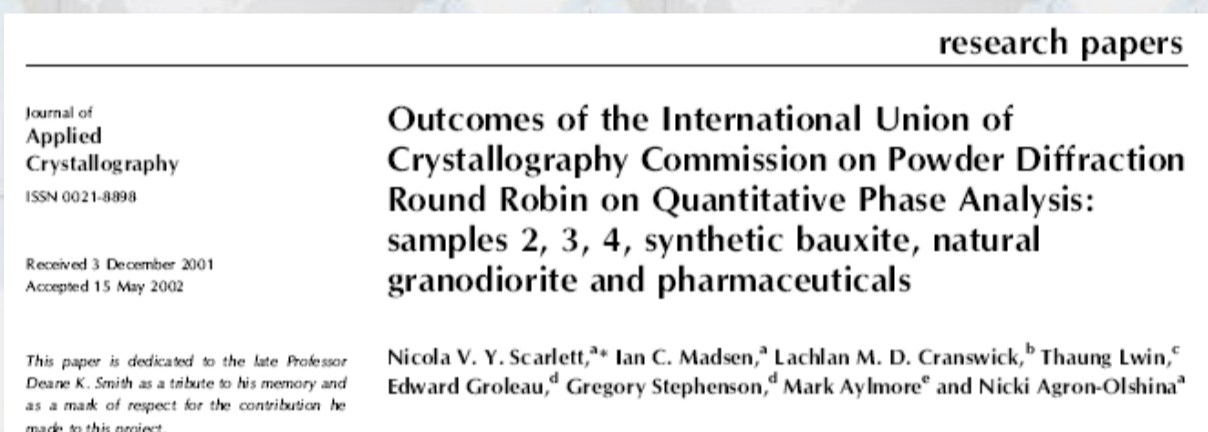
Powder diffraction textbook (2008)



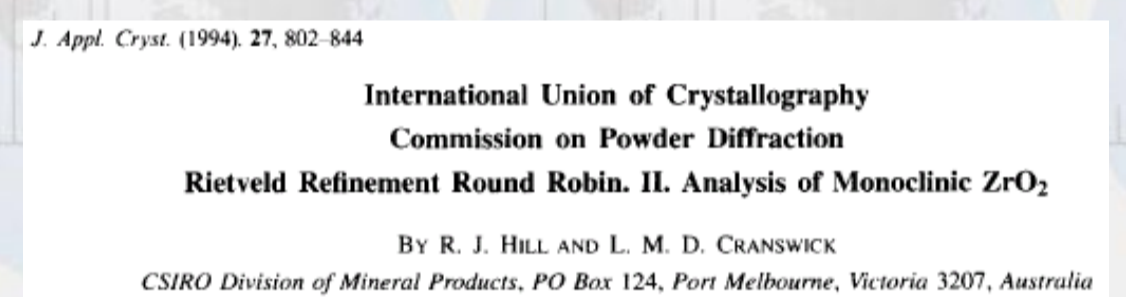
Rietveld refinement guidelines (1999)



Size-strain round-robin (2004)

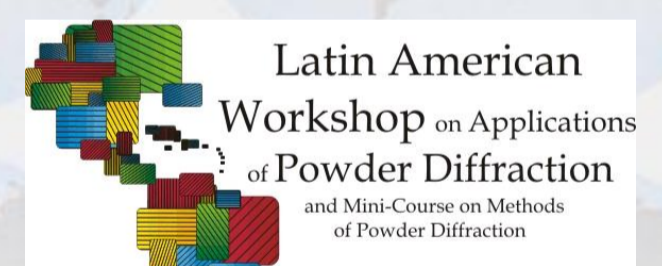
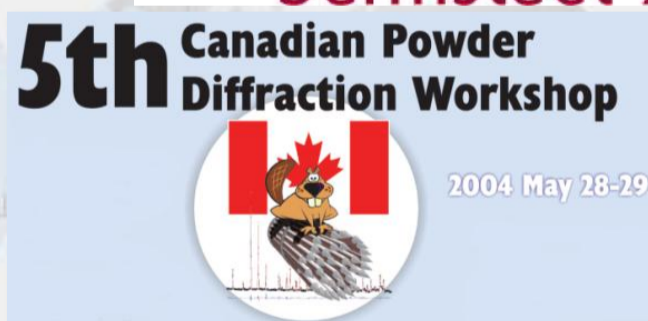
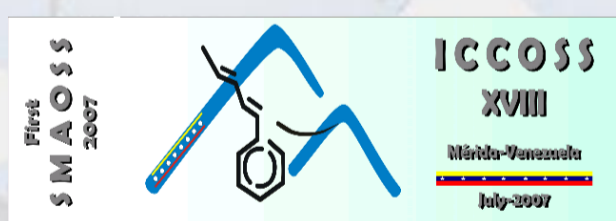


Quantitative phase analysis round-robin (2002-4)



Rietveld refinement round-robin (1992-4)

Conferences & Workshops sponsored by the CPD / IUCr include...



Getting involved...

The CPD exists to promote powder diffraction and represent you within the wider crystallographic community. Suggestions for meeting sponsorship and ideas to better serve our community are most welcome.

CPD Membership for 2011-2014:

Pamela Whitfield (Canada) – chair

Dave Billing (South Africa) - secretary

Eduardo Granado (Brazil)

Kenneth Shankland (UK)

Alok Mukherjee (India)

David Rafaja (Germany)

Rosanna Rizzi (Italy)

Brendan Kennedy (Australia)

Consultants: Bill David (UK)

Peter Stephens (USA)

Simon Billinge (USA)

Jim Cline (USA – NIST)

Chris Gilmore (UK)

Lubomír Smrčok (Slovakia)

Brian Toby (USA)

Ian Madsen (Australia)

Jim Kaduk (USA – ICDD)

Contact email addresses on CPD website (www.iucr.org/resources/commissions/powder-diffraction)

